

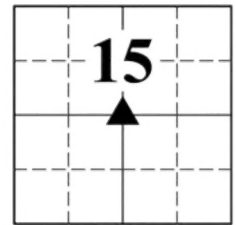
GREENE COUNTY CORNER PERPETUATION RECORD

Corner ID: **Center_L15**

Center Quarter Corner

Section 15- T07N-R03W, 2nd P.M.

Center Township, Greene County, Indiana



PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

A 5/8" rebar with orange plastic cap stamped "OSER IN PS #21100022" was set flush at this corner. A steel u-channel post with a Greene County Survey Marker sign was set 0.15 feet south of the rebar.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The corner on a cleared hillside 300 feet northeast of the intersection of McCutchen Lane with Lawrence Hollow Dr.

GEODETIC COORDINATES: (OSM #10311)

Northing: 334499.77, Easting: 893007.70

Datum: InGCS Greene Zone, US Survey Feet

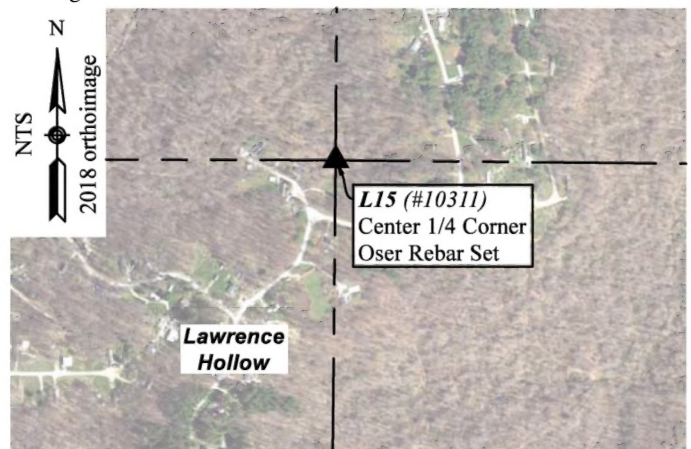
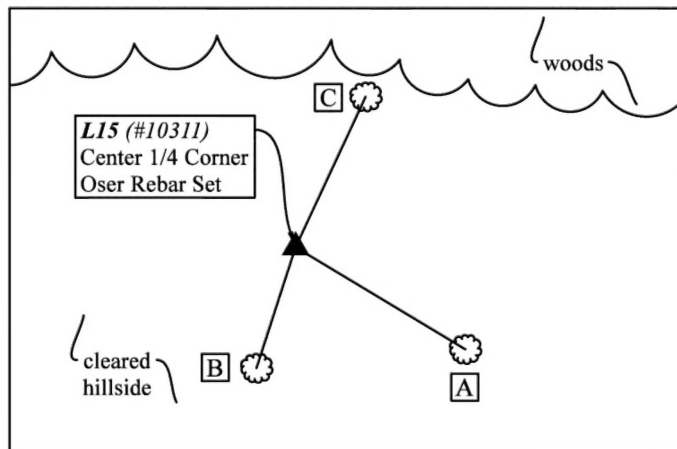
Northing: 1382507.98, Easting: 3053618.54

Datum: NAD83(2011) IN West Zone, US Survey Feet

WITNESS MONUMENT TIES: Describe at least three witness objects.

ID	Bearing	Distance	Description
A	S 59° E	30.1'	2" mag nail set 6" above grade on the south side of a 12" maple
B	S 18° W	19.3'	2" mag nail set 6" above grade on the west side of a 12" maple
C	N 25° E	25.2'	2" mag nail set 12" above grade on the west side of an 8" tulip poplar

MONUMENT LOCATION SKETCH: Attach a sketch or aerial image.



CORNER REPORT

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The original government land surveyors monumented the section corners and quarter corners of each section with wooden posts in the early 1800s. The task of replacing the original wooden posts with permanent objects such as stones, and setting permanent objects at the center of section and other interior aliquot corners was left to the county surveyors (in the 1800s and early 1900s) and later to local surveyors in private practice.

A stone was set at this corner in 1854 by Greene County Surveyor P.Burr. Our search location for the stone falls on a recently cleared hillside behind several residences. No trace was found of the stone or its accessories. We also searched fruitlessly for the 1/16 corner stones set by Burr 1/4 mile to the south, west, and east.

Lee Utt did not depict a monument at this corner on his extensive 1982 survey of Lawrence Hollow, but he appears to have calculated its location using the standard procedure for establishing the center quarter corner of a section by straight lines joining opposite quarter corners. The center of section is the P.O.C. for many lots in Lawrence Hollow.

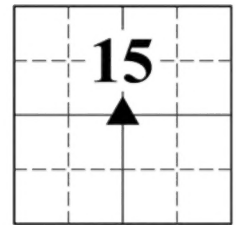
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We accepted the same monuments at the north and east quarter corners of Section 15 as Lee Utt, but we accepted different monuments at the west and south quarter corners. This resulted in a calculated location that was 3.8 feet west and 8 feet south of Utt's corner. Due to the significant uncertainty associated with both the west and south quarter corners, we chose to monument the Center Quarter corner of Section 15 based on Utt's survey, holding the stone at the quarter corner to the north (J15), the pipe at the quarter corner to the east (L17), the VSEI rebar near the quarter corner to the south (N15), and the pipe at #10300.

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

The center of Section 15 was not established by the original government surveyor.

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: 10/25/1854 By: P.Burr, GCS

Where filed or recorded: Legal Survey Book 3, page 21

Monument: stone

Bearing Trees or Witness Ties:	Bearing	Distance
4" walnut	N26.5°W	38'
4" hickory	N39.75°E	37'

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
12/21/1982	Utt, Lee	Plat for Bales-Rhoades in Section 15 <i>The center of Section 15 is labeled on the plat, but no monument description or dimensions are included.</i>	PL2-099

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: 8.5 feet
- Discrepancies in the Documents: Without a chain of records to prove the perpetuation of the stone set at this corner in 1854, it is impossible to know if the monument set is in the original location. Therefore, the uncertainty cannot be determined.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument.

Photo Date: 1/14/2022



Photo Orientation & Description: Capped rebar set at L15



Photo Orientation & Description: Looking southwest at L15

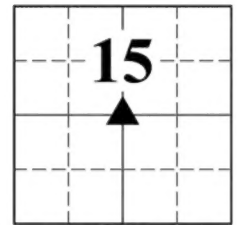
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FIELD PERSONNEL:

Field Date: 1/14/2022 By: Rachel Oser and Phillip Oser Project : Oser Surveying & Mapping LLC Job# 10226A Corner Perpetuation Survey for Center Township Sections 14, 15, 22 & 23, Township 7 North, Range 3 West

Notes: This document is not complete without the associated plat and report of survey dated January 25, 2022.

BASIS OF GEODETIC COORDINATES: The basis of bearings is the Indiana Geospatial Coordinate System's (InGCS) "Greene" zone NAD 83 (2011) epoch 2010.00, NAVD 88, geoid18_conus.db3, reported in US Survey Feet and decimal parts thereof. The zone was developed to minimize the differences between ground measured horizontal distances and the corresponding grid coordinate (map) distances within the county. Coordinates are also reported in Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18_conus.db3, US Survey Feet.

Coordinates were established using a Javad GNSS System (Triumph LS rover and Triumph 3 base) and the InCORS Real-Time Network. Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to InGCS Greene Zone Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.

CERTIFICATION:

Rachel Oser

Indiana Professional Surveyor 21100022

Oser Surveying & Mapping LLC

4632 E Rocky Road, Bloomfield, IN 47424

(812) 320-2694 • Rachel@OserSurveying.com

Date: 1/25/2022

